

MATTINGLY, STANGER & MALUR, P.C.

JOHN R. MATTINGLY
DANIEL J. STANGER
SHRINATH MALUR*

GENE W. STOCKMAN
Of Counsel

JEFFREY M. KETCHUM
Registered Patent Agent

* Bar Membership Other Than Virginia

ATTORNEYS AT LAW

1800 DIAGONAL ROAD, SUITE 370

ALEXANDRIA, VIRGINIA 22314

(703) 684-1120

PATENT, TRADEMARK
AND COPYRIGHT LAW

FACSIMILE: (703) 684-1157

Date: March 25, 2004

Attorney Docket No. H-1134

CUSTOMER NO. 24956

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir: Transmitted herewith for filing is the patent application of:
Inventor: M. KUROSAWA et al (see attached)

For:
DRIVE CONTROL DEVICE FOR DIRECT CURRENT MOTOR,
ROTATION DRIVE SYSTEM FOR DIRECT CURRENT MOTOR
AND SEMICONDUCTOR INTEGRATED CIRCUIT FOR DRIVING COIL

Enclosed are:

- ☒ 20 Sheets of Drawings
☐ This application is being filed without an executed Declaration.
☒ Priority is claimed from Japanese Application No. 2003-087010 (which is hereby
filed March 27, 2003 ☐ A certified copy is attached herewith. incorporated
☒ Copies of the disclosure documents listed on the attached PTO 1449 form and by reference
☒ discussed in the specification or ☒ attached Information Disclosure Statement.
☐ Small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.
☒ Specification: Abstract X, Description 42 pages; and 10 claim(s).
☒ Preliminary Amendment.
☒ Executed Declaration.

The filing fee is calculated as shown below:

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	10 - 20 =	* 0
Indep Claims	3 - 3 =	* 0
<input type="checkbox"/> Multiple Dependent Claim (s)		

* If difference is less than zero
then enter '0' in second column

Small Entity

Rate	Fee
	\$ 375
x 9	\$
x 42	\$
+ 140	\$
Total	\$

Large Entity

Rate	Fee
	\$ 770
x 18	\$ 0
x 84	\$ 0
+ 280	\$ 0
Total	\$ 770

- ☒ A check or credit card payment form in the amount of \$ 770.00 is enclosed for the filing fee.
☒ The Commissioner is hereby authorized to charge any additional fees that may be required to
Deposit Account No. 50-1417.

Respectfully Submitted,

By:

John R. Mattingly

Registration No. 30,293

LIST OF INVENTORS' NAMES AND ADDRESSES

Minoru KUROSAWA, Tokyo, JAPAN;

Tsukasa MATSUSHITA, Tokyo, JAPAN;

Kunihiro KAWAUCHI, Tokyo, JAPAN.